

TRANSMITTAL FORM

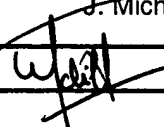
(to be used for all correspondence after initial filing)

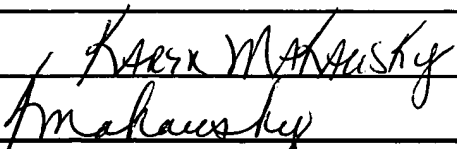
Application Number	09/990,522
Filing Date	November 21, 2001
First Named Inventor	Choy-Pik Chiu, et al.
Art Unit	1636
Examiner Name	Quang Nguyen
Attorney Docket Number	097/002

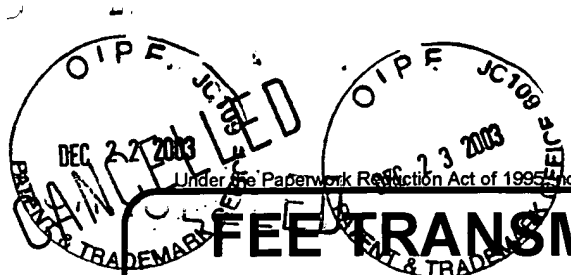
Total Number of Pages in This Submission

6

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (2 pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) (in duplicate) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Remarks</div> <p>1. PTO Form 1449 (1 page) + copies of 10 references</p>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	J. Michael Schiff, Registration No. 40,253
Signature	
Date	December 19, 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Karen Mahausky		
Signature		Date	December 19, 2003



FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

Complete if Known

Application Number	09/990,522
Filing Date	November 21, 2001
First Named Inventor	Choy-Pik Chiu, et al.
Examiner Name	Quang Nguyen
Art Unit	1636
Attorney Docket No.	097/002

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

07-1139

Geron Corporation

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180

SUBMITTED BY

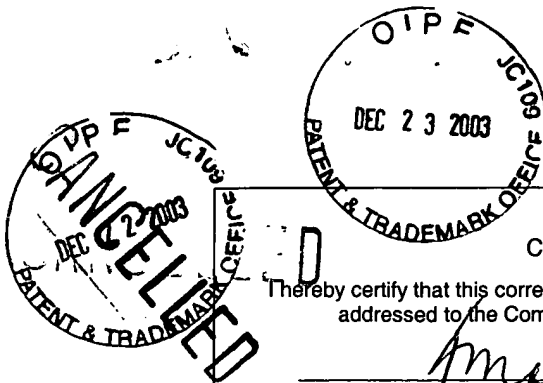
(Complete if applicable)

Name (Print/Type)	J. Michael Schiff	Registration No. (Attorney/Agent)	40,253	Telephone	(650) 473-7715
Signature		Date	Dec 16/03		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



CERTIFICATE OF MAILING BY FIRST CLASS MAIL

Thereby certify that this correspondence is being deposited with the United States Postal Service as first class mail addressed to the Commissioner for Patents, Box 1450, Alexandria VA 22313, on the date indicated.

Name

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Choy-Pik Chiu & Robert Kay

Art Unit: 1636

Filing Date: November 21, 2001

Examiner: Quang Nguyen, Ph.D.

Serial No: 09/990,522

Docket: 097/002

Title: TOLERIZING ALLOGRAFTS OF
PLURIPOTENT STEM CELLS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR § 1.97(c)(2)

Commissioner for Patents & Trademarks
Washington, D.C. 20231

Dear Sir:

The information listed in the accompanying form PTO-1449 and provided herewith may be material to examination of this application and is submitted in compliance with the duty of disclosure under 37 CFR § 1.56. The Examiner is requested to make this information of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a full search for relevant information has been made, that all relevant information has been found, or that the information provided with this Statement is considered to be material to patentability of the claimed invention as defined under 37 CFR § 1.56(b).

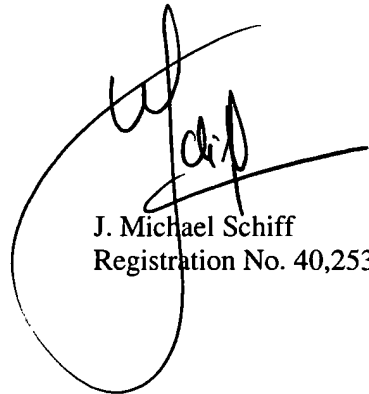
12/31/2003 BSAYASI1 00000014 071139 09990522

01 FC:1806 180.00 DA

This Information Disclosure Statement is being filed after the first Office Action on the merits, pursuant to 37 CFR § 1.197(c)(2). Authorization to charge Deposit Account 07/1139 with the fee therefor under 37 CFR § 1.117(p) is provided in the accompanying fee calculation sheet.

Should any other fees be required for further consideration of the application, the Commissioner is hereby authorized to charge such fees (or credit any overpayment) to the Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J. Michael Schiff', is written over a large, loopy circular mark.

J. Michael Schiff
Registration No. 40,253

GERON CORPORATION
230 Constitution Drive
Menlo Park, CA 94025
Telephone: (650) 473-7715
Fax: (650) 473-8654

December 18, 2003

Form 1449 (modified)

Information Disclosure Statement By Applicant

DEC 23 2003

U.S. PATENT & TRADEMARK OFFICE

Socket: 097/002

Title: Tolerizing Allografts of Pluripotent Stem Cells

Inventors: Choy-Pik Chiu, Robert M. Kay

Filing Date: November 21, 2001

U.S.S.N. 09/990,522

Group: 1636 Examiner: Q. Nguyen

CANCELLED

U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/ Subclass	Inventors:	Title:
	FA	6,368,636	Oct 26/99	Apr. 9/02	424/577	McIntosh et al.	Mesenchymal stem cells for prevention and treatment of immune responses in transplantation

Foreign Patent or Published Foreign Patent Application

Examiner Initial	Ref.	Document No.	Publ. Date	Jurisdiction	Title:	Translation	
						Yes	No
(NONE)							

Other Documents

Examiner Initial	Ref.	Author, Title, Date, Source
	FB	Barber et al. Long-term results of a controlled prospective study with transfusion of donor-specific bone marrow in 57 cadaveric renal allograft recipients. Transplantation 51:70, 1991. (abstract)
	FC	Fontes et al. Bone marrow augmentation of donor-cell chimerism in kidney, liver, heart, and pancreas islet transplantation. Lancet 344(8916):151, 1994. (abstract)
	FD	Kuhr et al. Tolerance to vascularized kidney grafts in canine mixed hematopoietic chimeras. Transplantation 73:1487, 2002.
	FE	Menaché et al. Autologous skeletal myoblast transplantation for severe postinfarction left ventricular dysfunction. J. Am. Coll. Cardiol. 41:1078, 2003.
	FF	Rifle & Mousson. Donor-derived hematopoietic cells in organ transplantation: A major step toward allograft tolerance? Transplantation 75 Suppl: 3S, 2003.
	FG	Seung et al. Hematopoietic chimerism and central tolerance created by peripheral-tolerance induction without myeloablative conditioning. J. Clin. Invest. 112:795, 2003.
	FH	Wekerle et al. Mechanisms of tolerance induction through the transplantation of donor hematopoietic stem cells: Central versus peripheral tolerance. Transplantation 75 suppl:21S, 2003.
	FI	Xu et al. Characterization and enrichment of cardiomyocytes derived from human embryonic stem cells. Circ. Res. 91:501, 2002.
	FJ	Yao et al. Long-term outcome of fetal cell transplantation on postinfarction ventricular remodeling and function. J. Molec. Cell. Cardiol. 35:661, 2003.

Examiner	Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. **Includ copy of this form with next communication to applicant.**

PTO-1449 — Page 1